

Laser Ranging – Ground System

- **Progress**

- **New wavemeter due late June. Expect to move the primary laser to SLR2000 at the end of June.**
- **Radar drive problems fixed. Will install radar at SLR2000 May 29th. Satellite tracking attempts with LRO laser will begin in July.**
- **LRO laser beam expander is being worked and delivery is expected late July.**
- **New SLR2000 scheduling software (with LRO added) is ready for testing with FDF generated CPFs.**
- **Visual testing of SLR CPFs (tracking sunlit satellites) is in progress.**
- **Dave Rowlands and Randy Ricklefs did some preliminary testing of predictions generated by Dave. Results looked good.**
- **We are working on defining for FDF which CRD records will be used for LRO.**
- **Simulation testing of LRO-LR software changes at SLR2000 was successfully completed the week of May 7th. Next testing will be using earth orbiting satellites.**

- **Issues & Risks**

- **MLA-Earthlink experiment is scheduled for week of June 17th at 48” telescope. Most of our manpower will be spent on that work from now through late June.**